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Approved For Release 2003/01/24 : CIA-RDP63-00313A000500040032-8

[REDACTED]

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NRO REVIEW COMPLETED

7 January 1963

MEMORANDUM FOR : The Record

SUBJECT : 4 January 1963 Status - ORCAST Engine Main
Fuel Control Pilot Lot Program

1. Subject status was reviewed at [REDACTED] on 4 January
and appears as follows:

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(a) Five controls have been delivered from subject program since 16 November. Numbers 18, 19, 22, and 31 have been assigned to Hartford for delivery engines. Number 31 and 18 were delivered to [REDACTED] with engines 210 and 211 respectively meeting the December engine delivery quota. Number 19 and 22 are in Hartford and cover two of the four engines scheduled for delivery in January. Number 28 was shipped to Florida for the high Mach number engine flight suitability endurance test.

(b) Pilot lot program status change since 16 November is as follows:

Status	Number of Units			
	As of 11/16	As of 12/3	As of 12/15	As of 1/4/63
Delivered	0	0	2	5
Prepares for delivery	0	0	1	0
Calibrating after hot test	0	1	1	1
On hot test	1	3	0	1
On cold test	3	6	6	6
Final assembly	3	4	1	2
Fabrication	<u>2</u>	<u>1</u>	<u>1</u>	<u>3</u>
Total	15	17	17	21

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2. Follow-on units number 36 through 49 now appear to be keeping pace with required pilot lot program deliveries in terms of hardware scheduling to finished stores for assembly.

3. Because of demonstrated increased accuracy and repeatability of controls since inception of the pilot lot program, evaluation and negotiations between Pratt & Whitney and [Redacted] are underway to modify acceptance test requirements in order to reduce nominal hot fuel calibration time from 14 to 4 hours for most delivery units. This change, pending evaluation of two units after hot test, also will require that one selected unit per month undergo a 25 hour hot fuel test.

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[Redacted]

Development Division
CSA-DD/A

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cc: AFCIG-5

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DD/OSA [Redacted]

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